

CLMPTO

May 26, 2005

AS

Claims 1-10 (canceled)

11. A protocol for launching a software application remotely and reserving network resources with quality of service, between a caller terminal and a called terminal, said protocol consisting in:

- transmitting a connection reservation request from said caller terminal to said called terminal via a server and an unconnected network,

- setting up between said caller terminal and said called terminal a process of reservation of network resources with quality of service by exchanging messages by transmission via said unconnected network and, on acceptance of said reservation of network resources by said server,

- setting up a connected network between said caller terminal and said called terminal on the same physical network supporting said unconnected network and by means of a control network, said connected network constituting said network resource with quality of service for executing said software application remotely between said caller terminal and said called terminal.

12. The protocol according to claim 11, wherein said server consisting of a web server, said steps consisting of transmitting the connection reservation request and setting up between said caller terminal and said called terminal a process of reserving network resources with quality of service consisting of sending HTML messages.

13. The protocol according to either claim 11, wherein said steps of transmitting the connection reservation request and setting up said process of reserving network resources with quality of service consist of at least:

BEST AVAILABLE COPY

BEST AVAILABLE COPY

- transmitting a connection request from said caller terminal to said server and, on connection of said caller terminal to said server:
 - supplying an entry page to said caller terminal,
 - loading a subroutine for selecting quality of service parameters into said caller terminal from said server,
 - establishing a choice of quality of service parameters from said caller terminal and said selection subroutine,
 - transmitting said choice of quality of service parameters from said caller terminal to said server, and
 - based on the choice of quality of service parameters, setting up the process of reserving connected network resources constituting the network resources with quality of service.

14. The protocol according to claim 11, wherein after setting up the process of reserving connected network resources, said protocol further consists in:

- transmitting from said caller terminal to said called terminal an application execution request including at least one code identifying the caller terminal, and
- setting up in said called terminal a management process for managing the application execution request.

15. The protocol according to claim 14, wherein said management process includes:

- on refusal of the application execution request by said called terminal, a step of transmitting an application execution request rejection message prompting said caller terminal to clear down said connection reservation to said calling terminal via said unconnected circuit,
- on acceptance of the execution request by said called terminal, a step of transmitting an application

execution request acceptance and application launching message to said caller terminal via said unconnected circuit, and

- after a predetermined time period in which there is no response from said called terminal, a step of transmitting a called terminal absence message to said caller terminal via said unconnected circuit.

16. The protocol according to claim 3, wherein the connection reservation request and the quality of service parameter selection subroutine are JAVA applets.

17. The protocol according to claim 16, wherein, for a software application consisting of a videoconference session transmitted via the ATM network, said quality of service parameter selection subroutine consisting of a JAVA applet chooses subscriber, bandwidth, and multicast parameters.

18. The protocol according to claim 17, wherein said JAVA applet includes a screen page displayed on the caller terminal and including at least two selector buttons, namely a "CONNECT/DISCONNECT" selector button and a button for varying the transmission bit rate.

19. The protocol according to claim 18, wherein said "CONNECT/DISCONNECT" selector button is a button whose function can be re-assigned, the "CONNECT" selector button being assigned the function of synchronizing external control of the network and launching of the videoconference application after the reservation of network resources with quality of service.

20. The protocol according to claim 18, wherein said JAVA applet further includes a screen page displayed on said called terminal and including two buttons, namely a

button for accepting launching of the application and a button for refusing launching of the application.

BEST AVAILABLE COPY